



GE Infrastructure Water & Process Technologies

WATER ANALYSIS REPORT

4000073981
JAMAICA BROILERS GROUP LIMITED
OLD HARBOUR, ST. CATHERINE
West Indies, ~
JAMAICA ~

Sampled: 04-SEP-2006
Reported: 22-SEP-2006
Field Rep: Binns, Alton L
91002103

WINDALLO
PORT ESQUI
Q0915014

pH	7.8
Specific Conductance, at 25°C, µhos	1200
Alkalinity, "P" as CaCO ₃ , ppm	0
Alkalinity, "M" as CaCO ₃ , ppm	271
Sulphur, Total, as SO ₄ , ppm	33
Chloride, as Cl, ppm	208
Hardness, Total, as CaCO ₃ , ppm	355
Calcium Hardness, Total as CaCO ₃ , ppm	230
Magnesium Hardness, Total as CaCO ₃ , ppm	125
Barium, Total, as Ba, ppm	0.04
Strontium, Total, as Sr, ppm	0.35
Copper, Total, as Cu, ppm	< 0.05
Iron, Total, as Fe, ppm	< 0.05
Sodium, as Na, ppm	114
Potassium, as K, ppm	3.8
Aluminum, Total, as Al, ppm	< 0.1



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Manganese, Total as Mn, ppm	< 0.01
Nitrate, as NO ₃ , ppm	6.2
Phosphate, Total, as PO ₄ , ppm	< 0.4
Phosphate, Total Inorganic as PO ₄ , ppm	< 0.2
Phosphate, Ortho-, as PO ₄ , ppm	< 0.2
Silica, Total, as SiO ₂ , ppm	16.3
Fluoride, as F, ppm	0.1
Carbon, Total Organic, as C, ppm	< 1
Turbidity, NTU	< 0.1



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	FREETOWN WELL Q0915015	ST.DOROTHY WELL Q0915016
pH	7.2	7.9
Specific Conductance, at 25°C, µhos	1740	1370
Alkalinity, "P" as CaCO ₃ , ppm	0	0
Alkalinity, "M" as CaCO ₃ , ppm	244	260
Sulphur, Total, as SO ₄ , ppm	56	37
Chloride, as Cl, ppm	367	273
Hardness, Total, as CaCO ₃ , ppm	382	356
Calcium Hardness, Total as CaCO ₃ , ppm	251	237
Magnesium Hardness, Total as CaCO ₃ , ppm	130	118
Barium, Total, as Ba, ppm	0.08	0.05
Strontium, Total, as Sr, ppm	0.47	0.39
Copper, Total, as Cu, ppm	< 0.05	< 0.05
Iron, Total, as Fe, ppm	0.46	< 0.05
Sodium, as Na, ppm	206	150
Potassium, as K, ppm	8.3	4.8
Aluminum, Total, as Al, ppm	< 0.1	< 0.1



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	<u>FREETOWN WELL Q0915015</u>	<u>ST.DOROTHY WELL Q0915016</u>
Manganese, Total as Mn, ppm	< 0.01	< 0.01
Nitrate, as NO ₃ , ppm	5.2	4.1
Phosphate, Total, as PO ₄ , ppm	< 0.4	< 0.4
Phosphate, Total Inorganic as PO ₄ , ppm	< 0.2	0.2
Phosphate, Ortho-, as PO ₄ , ppm	< 0.2	< 0.2
Silica, Total, as SiO ₂ , ppm	22	19.9
Fluoride, as F, ppm	0.1	0.1
Carbon, Total Organic, as C, ppm	< 1	< 1
Turbidity, NTU	1.1	0.3